

Effect of Technological Factors on the Depth of
Strain-Hardening in Grinding, by Yu. S.
Pervinsov, A. G. Yakhontov.

RUSSIAN, per, Metalizm i Obrab Metallov, No 5,
May 1958, pp 40-43.

Henry Bratcher 4223

✓ 2.90

EE
101 - 1000
Det 58

74, 941

Longer Life of Sleeves of Backing-Up Rolls for
Cold-Rolling Mills, by M. M. Kobrin, E. V.
Shishokin.

RUSSIAN, per, Metal i Obra Metallor, No 5, 1958,
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Henry Bratcher 4224.
\$4.40

Sci - Hager

Jan 59

79,590

Aluminizing of Iron With Aluminum Monochloride
Vapor, by S. A. Semenov, A. V. K. Smirnov.

RUSSIAN, per, Metal i Obra Metallor, No 5, May
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Bruthcer Tr 4225
\$3.50

Chem
Sci - Metall
Sep 58

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R-2081

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Experimental Research on Some Aspects of Structural
Creep Theory, by V. S. Ivanova, L. K. Gordiyenko,

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Moscow, Jun 1958, pp 2-6.

*US JPFS

USSR

Econ - Ferrous metallurgy

Brutche: 4244
SR notified 23.85

Non-Uniformity of Creep, by N. O. Losinskiy,
et al.

RUSSIAN, per, Metal i Obra Metallov, No 6,
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Henry Bratcher 4245
\$3.40

Sci - Chem

May 59

86,626

Effect of High-Temperature Heating on Some
Properties of Nickel-Chrome-Tungsten-Titanium
Steel, by V. I. Prosvirin, L. F. Chernov.

RUSSIAN, per, Metal i Obra Metallov, No 6, 1958,
pp 10-14.

BB 4246

Sci - Mix/Met

Apr 61

147,470

1780-N

The Effect of Ultrasound on Diffusion Processes
in Steels and Alloys at Elevated Temperatures,
by G. I. Fogodin-Aleksyyev, 6 pp.

RUSSIAN, Met. i Obrabotka Metallov, No 6, Moscow,
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US JPRS Tr L-572-N

USSR
Econ - U Ferrous Metallurgy
Jan 59

78,767

1780-M

The Effect of Plastic Deformation on the Heat
Resistance of the E1437 Alloy, by S. T. Kishkin,
A. A. Klypin, A. M. Sulima, 5 pp.

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US JPRS Tr L-573-M

USSR

Recon - Ferrous metallurgy

Jan 59

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Service Temperature of Steel for Flat Springs
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to 640°C (1185°F), by T. I. KEM Volkova.

RUSSIAN, per, Metal i Obra Metallov, No 6,
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Henry Bratcher #249
\$2.80

Sci - Min/Met

May 59

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High Performance and Production, by V. P.
Silovskiy, A. V. Hryshchenkov, 10 pp.

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Jan 79

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1780-M

Protective Coatings of Heat Resistant Alloys, by
V. A. Parfenov, 7 UP.

RUSSIAN, per, Met i Obrabotka Met, No 6, Moscow,
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Sci - Minerals, Metals
Jan 59

79,024

Sigma Phase in Austenitic Steel K448, by
E. I. Uryupina, A. F. Likina.

RUSSIAN, per, Metal 1 Odra Metallov, No 6,
Jun 1958, pp 37-41.

Henry Bratcher 4252

3.25

Sci - Min/Mat
Oct 58

74,948

Creep-Resisting Stainless Steels for Steam Power
Plants Operating at up to 600°C (1110°F), by
E. S. Ginzburg.

RUSSIAN, per, Metallovedenie i Obrabotka Metallov,
No 6, 1958, pp 47-52.

HB 4254

Sci-Min/Met
Mar 63

Corrosion of Titanium-Base Alloys by Gases
When Heated in Furnaces or by Induction, by
V. A. Yakovlev, Ya. I. Spektor.

RUSSIAN, per, Metal i Obra Metallov, No 6,
1958, pp 52-56.

HB 4255

118,413

Sci - Min/Met

Jun 60

Study of New Die Steels for the Drop Forging of
Creep-Resisting Steels and Alloys, by A. P.
Gulyayev.

RUSSIAN, Izv. Akad. Nauk SSSR, Jul 1958, p 2.

Henry Bruchner 4274
\$6.50

Sci - Man/Mat
Oct 58

74, 856

Kinetics of Isothermal Austenite Transformation
in Plain Carbon Steel Being Induction Heated, by
I. N. Kidin, Yu. A. Bashnin.

RUSSIAN, per, Metali Obrn Metallov, Jul 1958,
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*Henry Bratcher
\$4.25

Sci - Engineering, Minerals/Metals
Jan 59

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Kinetics of Isothermal Transformation of Austenite
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RUSSIAN, per, Metallovedenie i Obrab Met. No 7.
Jul 1958, pp 10-15.
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Sci-Mat
Apr 68

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Solution of Graphite in Austenite, by K. P.
Bunin, A. A. Baranov,

RUSSIAN, Tr. Metall i Obrab. Metallov, No 7,
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Henry Brutscher 4276
\$4.25

Sci - Chem

Jan 59

78,632

Effect of Cathodic and Anodic Polarization on
Rate of Stress Corrosion of Austenitic Stainless
Steel, by V. V. Romanov, V. Y. Dobrolyubov.

RUSSIAN, per, Metal i Chra Metallor, No 7, 1958,
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Henry Brubaker 4284
\$3.35

Sci - Chem

Jan 59

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Aging of Creep-Resisting Nickel-Base Alloy NI437B
Accelerated by Action of Ultrasound, by V. S.
Ernikov, E. A. Al'tan.

RUSSIAN, per, Metallurg Obratnik, Jul 1958, p 22:

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Henry Bratcher
\$4.90

Sci. Min./Met
Oct 58

74, 849

Dispersion of Ferromagnetic Precipitate in Austenite
Compositions, Studied by Demagnetization Curves, by
N. I. Ermin.

RUSSIAN, per, Metallovedenie i Obrabotka Metallov,
No 7, Jul 1958, pp 27-30.

HB 4279

Sci-Min/Met
Mar 63

Elasticity of Creep-Resisting Alloys in Dependence
on Structure and Stress State, by M. V.
Rudakov.

RUSSTAN, Par, Metallov Ochn Mat, Jul 1958, p 30.

Henry Bratcher 4280
\$1.80

Bcs - Min/Mat
Oct 58

74, 850

Structure and Properties of Alloys [and Steels]
After Vibrational Working, by S. N. Shestakov,
M. Ya. Kurnukov.

RUSSIAN, per, Metal i Obra Metallov, No 7, 1958,
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Henry Krutcher 4281
\$3.25

Sci - Min/Met

Apr 59

84,263

Nitriding of High-Strength Magnesium-Treated Cast
Iron, by Yu. M. Lakhtin, D. S. Pinchuk.

RUSSIAN, DMR, Metallov Odra Met, Jul 1958, p 39.

Henry Bratcher 4282
\$2.75

Sci - Min/Met
Oct 52

74, 851

Improved Heat Treating Practice of Cold Rolled
of 0.90% C, 0.65 Cr, 0.22 V Steel, by I. K.
Brainin.

RUSSIAN, per, Metallurg Obrab., Jul 1958,
p 43.

Henry Brutsche 4283
\$3.90

Sol - R.M. / Met
Oct 58

74, 852

Effect of Heat Treating on (Abrasive) Wear Resistance of Steels for Earth-Moving Equipment,
by N. M. Serpik, M. H. Kantor.

RUSSIAN, part, Metal i Obra Metallor, No 7, 1958,
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Henry Bratcher 4264
\$3.35

Sci - Min/Met

Jan 59

79,669

Effect of Barium Acetate on Activity of Solid
Carburizing Compounds, by L. K. Luksha.

RUSSIAN, Engl, Metall i Obra Metallov, No 7,
1958, pp 50-52.

Henry Krutcher 4285
\$1.90

Sci - Chem

Jan 59

78,635

Roller Barnishing of Heavy-Duty Parts Preparatory
to Hard Chromium Plating, by G. P. Kotlyarevskiy,

RUSSIAN, per, Metall i Obrab Metallow, No 7, 1958,
pp 52, 53.

Henry Bratcher 4286
\$2.30

Sci - Chem

Jan 59

80,673

Effect of Heat Treatment on Notch Sensitivity of
Chrome-Molybdenum-Vanadium Steel, by E. N.
Petrovskaya.

RUSSIAN, per, Metall i Otkr Metallov, No 7,
1958, pp 54-58.

Henry Bratcher 4287
\$4.35

Sci - Min/Met

Jan 59

80,674

Physical-Chemical Properties and Fields of Appli-
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RUSSIAN, per, Metall i Obrab Metallov, No 8, 1958,
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Henry Bratcher 4313
\$10.60

Sci - Chem/Met

OTS 59-13154

May 59

86,629

Grain Refinement on High-Temperature Heating, by
Ya. R. Raubin.

RUSSIAN, per, Metallovedenie i Obrabotka Metallov,
No 8, 1958, pp 14-17.

HB 4314

Sci-M/M
Mar 63

Structure and Mechanical Properties of Alloyed
Titanium Welds, by S. N. Gurevich.

RUSSIAN, par, Metal i Obra Metallov, No 8,
1958, pp 18-21.

HB 4315

Sci - Chem

Apr 61

147,430

Effect of Grain Size on the Resistance of Steels
to Cavitation Erosion, by I. H. Bogachev, R. I.
Mints.

RUSSIAN, per, Metal i Chra Metallov, No 8,
1958, pp 26-29.

Henry Bratcher 4317
\$2.80

Sci - Chem

Jan 59

79,595

Effect of Nickel on Transformations Occurring
in Aluminum-Copper Alloys at Elevated Temperatures,
by A. Z. Elmdskiy, P. A. Maksimuk.

RUSSIAN, Izv., Metal i Gora Metallor, No 8, 1958,
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Henry Bratcher 4319
\$3.90

Sci - Ingr

Apr 59

84,308

Localized [Induction] Heat Treating of Electro-
Slag Welds, by V. N. Novikov, et al.

RUSSIAN, per, Metal i Obra Metallor, No 8,
1958, pp 38-43.

Henry Bratcher 4320
\$3.85

Sci - Eng

May 59

86,636

Softening of Carburized Alloy Steels Preparatory to
Machining, by Yu. G. Vyshkovskiy.

RUSSIAN, per, Metallovedenie i Obrabotka Metallov,
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~~MRx5818~~

HB 4321

Sci-M/M
Mar 63

Effect of Final Forging Temperature on Mechanical
Properties of [Turbine-Disk] Forgings, by I. G.
Genserson.

RUSSIAN, per, Metal i Obrab Metalloy, No 8, 1958,
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Henry
~~Bratcher~~ Bratcher 4322
\$4.20

Sci - Engineering
May 59

86,690

Study of Ductile-Brittle Transition Temperature
of Some Low-Alloy Steels, by A. F. Sanina, M. M.
Pinnofeyev.

RUSSIAN, per, Metal i Chra Metallor, No 8,
1958, pp 57, 58.

Henry Bratcher 4324
\$2.00

Sci. - Engr.

May 59

86, 633

Tempering Characteristics After Induction Hardening, by I. N. Kisin, E. V. Astaf'yeva, A. N. Marshallin.

RUSSIAN, per, Metal i Obrab Metallov, No 9, 1958, pp 2-12.

Henry Bratcher 4348
\$9.50

Sci - Min/Mat

Apr 59

84,262

Study of Impact Fatigue Strength, by E. N.
Davidenko, E. I. Belyayeva.

RUSSIAN, Tr. Metal i Obr. Metallov, No 9,
Sep 1958, pp 12-15.

Henry Krutcher 4349
\$2.80

Sci - Engr

May 59

86,641

Some Properties of Iron-Copper Alloys Made by
Infiltration Process, by I. N. Frantsovich,
O. N. Teodorovich.

RUSKIAN, 1st, Metal i Obra Metallor, No 3,
1958, pp 20-23.

Henry Bratcher 4351
\$3.90

Bel - Eng

84,305

Apr 58

Transformations During the Heating of Quenched
White Iron, by P. K. Tkachenko & V. F. Zubarev.
RUSSIAN, per. Metallovedenie i Obrabotka Metallov,
No 9, Sept 1958, pp 24-26.
HB 4352

Sci/Int.
June 68

358,236

Effect of Pressure of Inert Gas Atmosphere in
Melting Furnace on Gas Content of Metal, by
D. S. Kazenetskaya.

RUSSIAN, per, Metal i Obra Metallov, No 9, 1958,
pp 27, 28.

Henry Bratcher 4353
\$2.65

Sci - Chem, Engr

Apr 59

84,264

Properties of Surface Zone of Pierced Holes Having
Various Carbide Contents, by I. L. Mirkin,
T. A. Sirenko.

RUSSIAN, per, Metallovedenie i Obrabotka Metallov,
No 9, 1958, pp 29-33.

HB 4354

Sci-M/M
Mar 63

Influence of Heat Treatment Conditions Upon the
Anisotropy of the Properties of Tool Steel Sheet,
by E. I. Astrov.
RUSSIAN, per, Metallovedenie i Obrabotka Metallov,
No 9, 1958, pp 33-38.
HB 4355

Sci.-Kat
Apr 68

352,210

On the Possibility of Raising the Pack Carburizing
Temperature [For Auto Parts of Steel] to 980°C
(1795°F), by A. M. Tarasov, M. R. Semenchenko.

RUSSIAN, per, Metal i Obra Metallov, No 9, 1958,
pp 39-42.

HB 4356

Sci - Min/Met

May 60

116,552

Weight: Copper Plating of Articles With a Roller,
From Acid Baths, by V. P. Perviantseva, et al.

RUSSIAN, per, Metal i Chra Metallov, No 9,
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Henry Bratcher 4357
\$5.35

Sci .. Engr

Apr 58

84,303

Effect of Strain Hardening on Creep Characteristics of Austenitic Steels, by N. D. Sazonova.

RUSSIAN, per, Metall i Obrab Metallov,
No 9, 1958, pp 46-49.

HB 5358

Sci - Min/Met
Apr 62

190,723

Electromechanical Burnishing of Metals, by **XX**
B. M. Askinasi.

RUSSIAN, per, Metal i Obrab Metallov, No 9, 1958,
pp 49-51.

Henry Bratcher 4359
\$3.75

Sci - MEn/Met

May 59

86,625

Impact Strength of Low-Alloy Structural Steel
S1Kh1.1, at Subzero Temperatures After Various
Heat Treatments, by L. A. Gaiworonskiy, et al.

RUSSIAN, per, Metal i Obra Metallov, No 9, 1958,
pp 54, 55.

Henry Bratcher 4360
\$2.00

Sci. - Engr

Apr 59

84,252

Phases Present in Chromium-Nickel Austenitic
Steels Containing Titanium, by V. I. Prosvirin.

RUSSIAN, per, Metal i Obra Metallov, No 10,
1958, pp 2-5.

Henry Bratcher 4387
\$2.75

Sci - Min/Met

May 59

86,628

TIT Diagram for Spheroidal-Graphite Cast Iron,
by D. Rukhoyev.

RUSSIAN, per, Metal i Odra Metallov, No 10,
1958, pp 5-10.

Henry Bratcher 4388
\$5.25

Sci - Min/Mat
May 59

86,638

EFFECT OF TRANSFORMATIONS ON STRESS RELAXATION
DURING THE TEMPERING OF STEEL 30KHGSNA AND
AGING OF ALUMINUM ALLOY B95, EY A. A. GOL'DENBERG.

RUSSIAN, PER, METALLOVED I OBRAB METALLOY, NO 10,
1958, PP 11-17.

HB 4389

SCI - MIN/MET
AUG 62

206,995

Effect of Heat Treating on Temperature vs.
Impact Strength Curve, by V. K. Tselikov.

RUSSIAN, per, Metal i Obra Metallov, Oct, 1958,
no 10, pp 17-22.

Brutcher 4390

Sci - Min/Met

Jan 59

70, 0435

Failure of High-Temperature [Ni-Base] Alloys
Under Thermal and Stress Cycling, by R. G. V.
Murganov, Yu. A. Sutina.

RUSSIAN, *Met.*, Metal i Obra Metallor, No 10,
1958, pp 23-27.

BB 4391

Sci - Min/Met

Nov 59

100,355

Study of White Layers under Conditions of
Wear Entailing Destructive Pitting, by F. Ya.
Iokheles.

RUSSIAN, per, Metall i Obra Metallov, No 10,
Oct 1958, pp 28-33.

Brutcher 4392

Sci - Min/Met

Jun 59

90,035

Dilatometric Study of Physical Chemistry of
Sulfidizing Process, by T. P. Bil'yan.

RUSSIAN, Izv. Akad. Nauk SSSR, Metal i Obra Metallov, No 10,
1958, pp 33-36.

Henry Bratcher 4393
\$3.50

Sci - Chem

Apr 59

84,307

Effect of Cold Rolling and Heat Treating Condi-
tions on Structure of Steel EI 428, by E. Yu.
Chernoburova.

RUSSIAN, par, Metal i Obra Metallov, No 10,
1958, pp 35-40.

Henry Bratcher 4394
\$3.85

Sci. - Engr

84,248

Apr 59

Heating Power of Nitrate Baths, by P. Ya.
Yakovlev.

RUSSIAN, per, Metal i Odra Metallov, No 10,
1958, pp 47-50.

Henry Bratcher 4396
\$3.65

Sol - China

Apr 59

84,301

Improvement of Mechanical Strength of Steel
Components by Torsional Straining, by

B. V. Panov

RUSSIAN, per, Metallovedenie i Obrabotka

Metallurg, No 10, Oct 1958, pp 50-56.

HB 4397

Sci-Materials

Aug 68

362,108

Bright Quenching of Steel, by A. K. Baskrovnyi.

RUSSIAN, per, Metal i Obra Metallov, No 10, 1958,
pp 56, 57.

Henry Bratcher 4398
\$2.00

Sci - Engr

Apr 59

84,300

Interaction Between Some Sulfidizing Salts and
Iron or Steel, by A. V. ~~XXXX~~ Kriulin.

RUSSIAN, per, Metal i Odra Metallov, No 10,
1958, pp 58-62.

Henry Bratcher 4399
\$3.80

Sci - Chem

Apr 59

84,261

Structure, Properties, and Heat Treatment
of New High-Speed Steels, by Yu. A.
Geller, V. S. Kechanov. UNCL

RUSSIAN, per, Mat 1 Obrat Metallov, No 11,
1958, pp 6-19.

HB 4427

Get - Min/Sec
May 60

115,662

The Structure of the Grain Boundaries and the Heat
Resistance of Austenitic Steel, by E. N. Sokolov.

RUSSIAN, per, Metallov i Obra Metallov, No 11,
1958, pp 19-25.

DSIR M 2947

HC 4428

Sci

Aug 61

Effect of Temperature and Preceding Heat Treatment
on Rupture Strength of an As-Cast and Wrought
[Magnesium] Alloy, by A. A. Eshvar, et al.

RUSSIAN, per, Metal i Obrab Metallov, No 11, 1958,
pp 32-37.

HN 4430

Sci - Engr

Feb 60

108,508

New Method of Working Contacting Surfaces of
Machine Parts, by L. V. Kudryavtsev, N. A. Balabanov.
RUSSIAN, per, Metal i Obra Metallov, No 11, 1958,
pp 44-50.
HB 4432

Sci - Engr
May 64

258,379

Effect of Some Technological and Design Factors on
the Mechanical Properties of Welds in High-Strength
~~XXXXXX~~Constructional Steels, by O. L. Bendryshev.

RUSSIAN, per, Metallovedenie i Obrabotka Metallov,
No 11, 1958, pp 51-56.

HB 4433

Sci-M/M
Mar 63

Crack Fatigue of Medium-Carbon Steel Induction
Hardened, Instead of Casehardened, by T. A.
Kandrup.

RUSSIAN, per, Metal obra Metallov, No. 11, 1950,
pp 37-39.

EN 4434

Sci - M.M./Met

Nov 59

100,353

Thermomagnetic Treatment of Magnetically Soft
Alloys With a Rectangular Hysteresis Loop in
Vacuum Furnaces, by O. H. Al'tguzen, et al.

RUSSIAN, *Met. Obrab. Metall.*, No 11,
1958, pp 60-62.

HB 4435

Sol + Mel/Mat

Rev 59

100,345

High-Temperature Properties of Multiple-
Alloyed Ferrite, by A. M. Borzdyn, A. V.
Merlin.

RUESLAT, per. Metal i Obra Metallov, Dec, 1958,
No 12, pp 10-16.

Brutcher 443

Sci - Min/Mec

Jan 59

90, 044

Mechanical Properties of Tool Steels, by Ya. B.
Fridman, V. P. Monoplenko.

RUSSIAN, per, Metallov Obrabotki, No 12, 1958,
pp 2-9.

HB 4442

Sci - Min/Mat, Eng

Nov 59

101, 223

Effect of Sintering Temperature on Properties of
Iron-Nickel-Aluminum Powder Alloys, by A. B.
Altman.

RUSSIAN, per, Metal i Obra Metallov, No 12,
1958, pp 17-20.

Henry Bratcher 4444
\$3.75

Sci - Engr

May 59

86,639

Residual Stresses Set Up in Surface Hardening, by
V. V. Abramov.

RUSSIAN, per, Metallor i Obra Metallor, No 12,
1958, pp 21-28.

HB 4445

Sci - Min/Met

Feb 61

145,045

Quenching With Water/Air Mixtures, by N. E.
Plante, et al.

RUSSIAN, per, Metal i Odra Metallov, No 12,
1958, pp 29-35.

Henry Bratcher: 4446
\$4.65

Sci - Min/Met

May 59

86,599

RUSSIAN - FRENCH
072 77-62-2097

Distortion of Steel Surface-Hardened by Induction Heating, by Yu. M. Bogityrov, V. S. Bragina.

RUSSIAN, per, Metal i Chra Metallor, Dec, 1950, No 12, pp 35-41.

Brutcher 4447

Sci - Min/Met

Jun 59

70, 046

Season Cracking of Brass in Ammonia, by A. N.
Kondrat'ev,

RUSSIAN, per, Metal i Obra Metallov, No 12, 1958,
pp 45-52.

HB 4449

Sci - Chem

Apr 61

144, 986

Effect of Electroplating Conditions on Structure and Wear Resistance of Iron Deposits,
by Yu. N. Petrov.

RUSSIAN, per, Metall i Obrab Metallow, Dec,
1958, No 12, pp 53-56.

Brutcher 4450

DSIR 444 M-1007 (1958)

Bcl - Min/Met

Jan 59

98,041

Study of Resistance of Steel to Wear by
Nylon (Mylon) Thread, by P. T. Basko.

RUSSIAN, per, Metall i Obra Metallow, No 12,
Dec, 1958, pp 55-57.

Brutcher 4451

Sci - Min/Met

Jun 59

90, 042

Study of Boron-Alloyed High Chromium-Nickel
[Eutectoid] Cast Iron, by G. S. Kachalkin.

RUSSIAN, per, Metall i Obrabotk Metally, No 12,
1958, pp 58-61.

Butcher 4452

Sci - Min/Met

Jun 59

90,034

Kaznachel, B. Ya. and Zhogina, V. M.
CONDITIONS OF GALVANIC DEPOSITION VS MAG-
NETIC CHARACTERISTICS OF NICKEL COBALT
ALLOYS. [1961] 23p, 10 refs.

Order from OTS or SLA \$2.60

61-18920

Trans. of mono. Metallovedenie i Obrabotka Tsvetnykh
Metallor i Splyavov: Sbornik Shtetl, 1957, p. 77-90.

DESCRIPTORS: *Nickel, *Cobalt, *Alloys, *Electro-
deposition, *Coatings, Magnetic properties, Thickness,
Chlorides, Sulfates, *Electrolytes, Temperature,
Density, Contamination, Additives.

To obtain an electro deposited nickel-cobalt alloy with
a coercive force of 200-300 oersted and residual induc-
tion 5000-6000 gauss, it was necessary that the nickel
content in the alloy deposited by 15-34%. To obtain an
alloy with a nickel content of 15-34% from sulphate
electrolyte, a ratio of nickel and cobalt salt concentra-
(Chemistry--Physical, TT, v. 6, no. 10) (over)

61-18920

I. Kaznachel, B. Ya.
II. Zhogina, V. M.

61-18920

Office of Technical Services

Metallochemical Properties of the Periodic
Systems, by I. I. Kornilov,
RUSSIAN, Metallokhimicheskie Svoistva
Elementov Periodicheskoi Sistemy,
*05

Sci-Enth
Dec 66

METALLOVEDENIE I TERMICHESNAYA
OERABOTKA METALLOV - monthly
(Metal Science and Heat Treatment)
Translation begins with 1959
lag time: ca. 12 months
Order from: Plenum Publishing Corporation
227 West 17th Street
New York, N.Y. 10011
1971: \$ 115.00/year
\$ 30.00 single issues
\$ 15.00 single article reprints
add \$ 5.00 on overseas subscription;
single articles for 1959-64
not available

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